Under the Paperwork Reduction Act of 1995, no persons are required to re-	U.S. Patent and Trade	PTO/SB/05 (08-03) proved for use through 07/31/2006, OMB 0651-0032 mark Office. U.S. DEPARTMENT OF COMMERCE ation unless it displays a valid OMB control number
UTILITY	Attorney Docket No.	1/1441
PATENT APPLICATION	First Inventor	SAMSTAG, W., et al
TRANSMITTAL	Title	Proc ss for the Preparation of an
(Only for new nonprovisional applications under 37 CFR 1.53(b))	Express Mail Label No.	EV329505445US
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	ADDRESS TO:	Mali Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450
Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) Applicant claims small entity status. See 37 CFR 1.27. Specification [Total Pages 14] (preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure	8. Nucleotide and/or A (if applicable, all nec a. Computer b. Specificat i. CD-ii. Pap c. Statemer ACCOMPAN	Readable Form (CRF) tion Sequence Listing on: ROM or CD-R (2 copies); or ter tts verifying identity of above copies YING APPLICATION PARTS
Drawing(s) (35 U.S.C. 113) [Total Sheets] Drawing(s) (35 U.S.C. 113) [Total Sheets] December 2	10. 37 CFR 3.73((when there is English Trans 12. Information D Statement (ID 13. Preliminary A 14. Return Receipt (Should be sp. 15. Certified Copy (if foreign priot Nonpublicatio (b)(2)(B)(i). A or its equivale	s an assignee) Attorney station Document (if applicable) sisclosure Copies of IDS DS/PTO-1449 Citations mendment pt Postcard (MPEP 503) pecifically itemized) y of Priority Document(s) writy is claimed) on Request under 35 U.S.C. 122 pplicant must attach form PTO/SB/35
18. If a CONTINUING APPLICATION, check appropriate box, and sup		
ppecification following the title, or in an Application Data Sheet under 3	7 CFR 1.76:	i volon and in the mot sentence of the
Continuation Divisional Continua	tion-in-part (CIP) of pri	or application No.:

For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation <u>can only</u> be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS \mathbf{Z} 28501 Customer Number: OR Correspondence address below Name Address City State Zip Code Country Telephone Fax Name (Print/Type) Anthony P. Bottino Registration No. (Attorney/Agent) 41,629

Art Unit:

Examiner

Prior application information:

and trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P. . Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PTO/SB/17 (10-03)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control nu

FEE	TR	AN	SMI	TT	AL
	for	FY	200	4	

Effective 10/01/2003. Patent fees are subject to annual revision.

Anthony P. Bottino

Name (Print/Type)

Signature

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$)	1	Λ	ണ	ሰሰ
(3)		v	Oυ	.uu

Compl te if Known			
Application Number	To be assigned		
Filing Date	December 3, 2003		
First Named Inventor	SAMSTAG, W. et al		
Examiner Name	To be assigned		
Art Unit	To be assigned		
Attorney Docket No.	1/1441		

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)					
Check Credit card Money Other None 3.			3. ADDITIONAL FEES			
Deposit Account:	<u>Large E</u>	ntity	Small	Entity		
Denosit	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	F B-14
Account Number Boehringer Ingelheim Corporation	1051	130	2051	• •	Surcharge - late filing fee or oath	Fee Paid
Deposit Account Boehringer Ingelheim Corporation	1052	50	2052		Surcharge - late provisional filing fee or	
Name	1053	130	1053	130	Cover sheet Non-English specification	
The Director is authorized to: (check all that apply)		2,520	1812		For filing a request for ex parte reexamination	
Charge fee(s) indicated below Credit any overpayments Charge any additional fee(s) or any underpayment of fee(s)	1804	920*	1804		Requesting publication of SIR prior to	
Charge fee(s) indicated below, except for the filing fee					Examiner action	\vdash
to the above-identified deposit account.	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
FEE CALCULATION	1251	110	2251	55	Extension for reply within first month	
1. BASIC FILING FEE	1252	420	2252	210	Extension for reply within second month	
Large Entity Small Entity	1253	950	2253	475	Extension for reply within third month	
Fee Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)	1254	1,480	2254	740	Extension for reply within fourth month	
1001 770 2001 385 Utility filing foo	1255 2	2,010	2255	1,005	Extension for reply within fifth month	L
1002 340 2002 170 Design filing fee 770.00	1401	330	2401	165	Notice of Appeal	
1003 530 2003 265 Plant filing fee	1402	330	2402	165	Filing a brief in support of an appeal	
1004 770 2004 385 Reissue filing fee	1403	290	2403	145	Request for oral hearing	
1005 160 2005 80 Provisional filing fee	1451 1	1,510	1451	1,510	Petition to institute a public use proceeding	
SUBTOTAL (1) (\$) 770.00	1452	110	2452	55	Petition to revive - unavoidable	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1453 1	1,330	2453	665	Petition to revive - unintentional	
Fee from		1,330	2501	665	Utility issue fee (or reissue)	
Extra Claims below Fee Paid Total Claims 20 -20** = 0 x 18.00 = .00	1502	480	2502	240	Design issue fee .	
Independent 3 3# - 0 × 86 00 - 00	1503	640	2503	320	Plant issue fee	
Claims	1460	130	1460	130	Petitions to the Commissioner	
290.001 1. 290.001	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
Large Entity Small Entity Fee Fee Fee Fee Fee Description	1806	180	1806		Submission of Information Disclosure Stmt	
Code (\$) Code (\$)	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	1
1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3	1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1203 290 2203 145 Multiple dependent claim, if not paid	1810	770	2810	385	For each additional invention to be	
1204 86 2204 43 ** Reissue independent claims over original patent	4004				examined (37 CFR 1.129(b))	
1205 18 2205 9 ** Reissue claims in excess of 20	1801 1802	770 900	2801 1802	385 900	Request for Continued Examination (RCE) Request for expedited examination	
and over original patent		1		300	of a design application	
SUBTOTAL (2) (\$) 290.00			ecify) _	:::: F	- Deid	
**or number previously paid, if greater; For Reissues, see above	reduc	ea by	Dasic F	uing Fe	ee Paid SUBTOTAL (3) (\$)	
CLIPMITTED DV						

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Registration No.

41,629

Telephone 203-791-6764

December 3, 2003

Date